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(71) Applicant (for all designated States except US): **MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD.**
[JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka
571-8501 (JP).

(72) Inventors; and

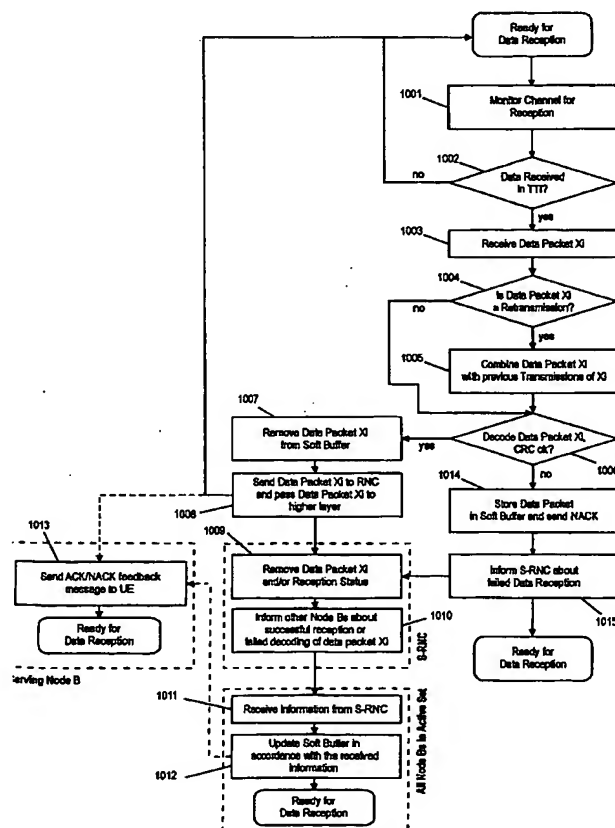
(75) Inventors/Applicants (for US only): **LÖHR, Joachim**
[DE/DE]; Soderstr. 90, 64287 Darmstadt (DE). **SEIDEL, Eiko**
[DE/DE]; Moosbergstr. 97 a-b, 64285 Darmstadt (DE). **PETROVIC, Dragan** [YU/DE]; Am Kaiserschlag
15, 64295 Darmstadt (DE).

(74) Agent: **KUHL, Dietmar**; Grünecker, Kinkeldey, Stock-
mair & Schwanhäusser, Maximilianstrasse 58, 80538
München (DE).

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(54) Title: **BASE STATION SYNCHRONIZATION DURING SOFT HANDOVER**



(57) Abstract: The present invention relates to a data transmission method and data packet retransmission method for use in a mobile communication system comprising a communication terminal and a plurality of base stations, wherein the communication terminal is in communication with the plurality of base stations during a soft handover. Further, the present invention relates to a base station executing the data transmission method and the data retransmission method. To prohibit the wrong combination of data packets in base stations participating in the active set of a particular communication terminal the invention provides a method for exchanging control information between base stations participating in a soft handover to synchronize their buffers.



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